

What is claimed is:

1. A recording medium having a data structure for managing presentation duration of still images, comprising:

a data area storing a still picture stream including at least
5 one still picture having finite presentation duration and at least one still picture having infinite presentation duration; and

a management information area storing management information for the still picture stream, said management information having sequence information to divide said still picture stream to logical
10 sequences based on the still picture having infinite presentation duration.

2. The recording medium according to claim 1, wherein a last still picture pertaining to each sequence has infinite presentation duration.

15 3. The recording medium according to claim 1, wherein each of the still pictures has time information including a program clock reference and a presentation time stamp.

4. The recording medium according to claim 3, wherein the time information of a start picture pertaining to a sequence has no time
20 relation with that of a last picture pertaining to a previous sequence.

5. A method for recording a data structure for managing presentation duration of still picture data on a recording medium, comprising the steps of:

25 recording on a recording medium a still picture stream including at least one still picture having finite presentation duration and at least one still picture having infinite presentation duration; and

recording on the recording medium management information for the still picture stream, said management information having sequence information to divide said still picture stream to logical sequences based on the still picture having infinite presentation
5 duration.

6. The method according to claim 5, wherein the still picture stream is divided to the logical sequences such that a still picture having infinite presentation duration is a last picture of each sequence.

10 7. An apparatus for recording a data structure for managing presentation duration of still picture data on a recording medium, comprising:

a drive for driving an optical recording means that records data on the recording medium;

15 an encoder for encoding the still picture data; and

a controller for controlling the drive to record the encoded data on the recording medium,

wherein the controller controls the drive to record a still picture stream including at least one still picture having finite
20 presentation duration and at least one still picture having infinite presentation duration, and to record management information for the still picture stream, said management information having sequence information to divide said still picture stream to logical sequences based on the still picture having infinite presentation duration.

25 8. The apparatus according to claim 7, wherein the still picture stream is divided to the logical sequences such that a still picture having infinite presentation duration is a last picture of each sequence.

9. A method for reproducing a recording medium having a data structure for managing presentation duration of still picture data thereon, comprising the steps of:

reproducing from the recording medium a still picture stream
5 including at least one still picture having finite presentation duration and at least one still picture having infinite presentation duration;

reproducing from the recording medium management information for the still picture stream, said management information having
10 sequence information to divide said still picture stream to logical sequences based on the still picture having infinite presentation duration; and

making presentation of a last still picture of each sequence infinitely while waiting a specific command from a user.

15 10. The method according to claim 9, further comprising the step of, if the specific command is entered, starting to reproduce still pictures pertaining to a next sequence.

11. The method according to claim 9, further comprising the step of initialing a system clock using a program clock reference
20 written in a start still picture pertaining to a sequence when starting to reproduce the sequence.

12. An apparatus for reproducing a data structure for managing presentation duration of a still picture data recorded on a recording medium, comprising:

25 a drive for driving an optical reproducing device to reproduce data recorded on the recording medium;

a decoder for presenting the reproduced data; and

a controller for controlling the drive to reproduce a still

picture stream including at least one still picture having finite presentation duration and at least one still picture having infinite presentation duration, and to reproduce management information for the still picture stream, said management information having
5 sequence information to divide said still picture stream to logical sequences based on the still picture having infinite presentation duration,

wherein the controller further controls the decoder to conduct infinite presentation of a last still picture pertaining to
10 each sequence while waiting a specific command from a user.

13. The apparatus according to claim 12, wherein the controller further controls the drive to reproduce still pictures pertaining to a next sequence, if the specific command is entered.

14. The apparatus according to claim 12, wherein the
15 controller further initializes a system clock using a program clock reference written in a start still picture pertaining to a sequence when starting to reproduce the sequence.